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DATE - June 1965

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

KRASNODAR PETROLEUM REFINERY 233
KRASNODAR, USSR

CIA/PIR-5019/65



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KRASNODAR PETROLEUM REFINERY 233
KRASNODAR, USSR

1. Krasnodar Petroleum Refinery is located on the south edge of Krasnodar, within a u-shaped bend of the Kuban River. It is bordered on the west by the Krasnodar-Novorossiysk railroad line and on the east by the Kuban River. The approximate geographic coordinates at the center of the Krasnodar Refinery are 44 59 46N - 38 58 03E (See Figures 1 and 2).

This refinery is irregular in shape, with maximum dimensions of approximately 2,750 feet by 3,575 feet, and is oriented in a general north-northeast - south-southwest direction. The total area included within the refinery is approximately 9,831,250 square feet.

The Krasnodar Refinery appears to be basically complete, and only a very limited amount of space exists within or adjacent to the refinery for further expansion or the construction of additional units.

Additions to the standard petroleum refining processes have been minor from [REDACTED] at this installation.

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2. Individual sections of the Krasnodar Refinery are outlined and annotated on Figure 6 of this report.

a. Identification and analysis of these sections is presented under the number corresponding to that on Figure 6:

- (1) Rail tank car loading and unloading facilities
- (2) Crude oil storage tanks
- (3) Possible petrochemical area - containing a long processing type building which is rail served, product storage tanks, processing units and administration type building
- (4) Probable distillation units with associated facilities
- (5) Probable cracking unit and flare tower
- (6) Warehouse/workshops and open material storage
- (7) Probable intermediate and final product storage
- (8) Probable distillation units and possible light ends unit
- (9) Heat and power plant
- (10) Administration, warehouse/workshop area
- (11) Water treatment area
- (12) Waste water separators with pump houses

- 1 -
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3. The Krasnodar Refinery is served by a spur from the Krasnodar-Novorossiysk Railroad, by road from Krasnodar, and probably by pipeline.
4. The Krasnodar Refinery has been operating throughout the period of time covered by this report, as indicated by smoke and steam visible from the waste water separators, various refining units, and the flare tower.
5. All measurements have been made by the CIA/PID/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

- 2 -
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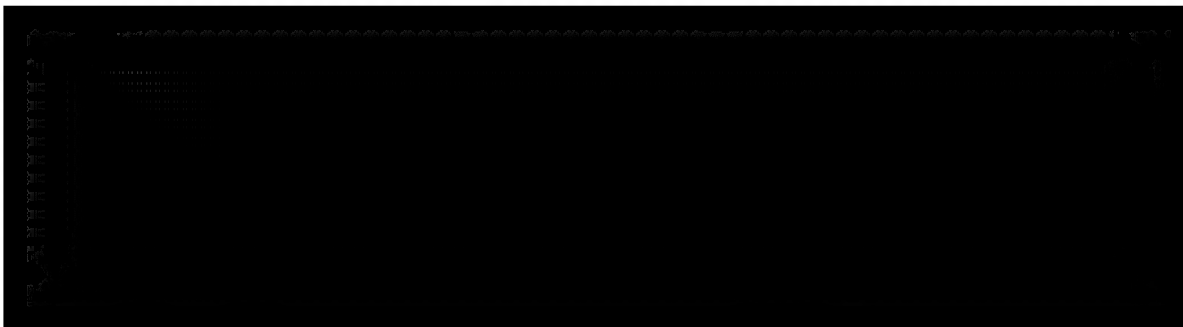
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REFERENCES

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MAPS OR CHARTS

General Locator Map, USSR - 29656 1-61 (UNCLASSIFIED)
ACIC US Air Target Chart, Series 200, Sheet 0249 18HL
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REQUIREMENT

CIA. C-RR5-82,476

CIA/IAD PROJECT

30558-5

- 3 -

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FIGURE 1



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FIGURE

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KHAFNODAR PETROLEUM REFINERY
KRAKOW, POLAND
1978



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KRASnodAR PETROLEUM REFINERY
Krasnodar, USSR
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